

FIG. 1

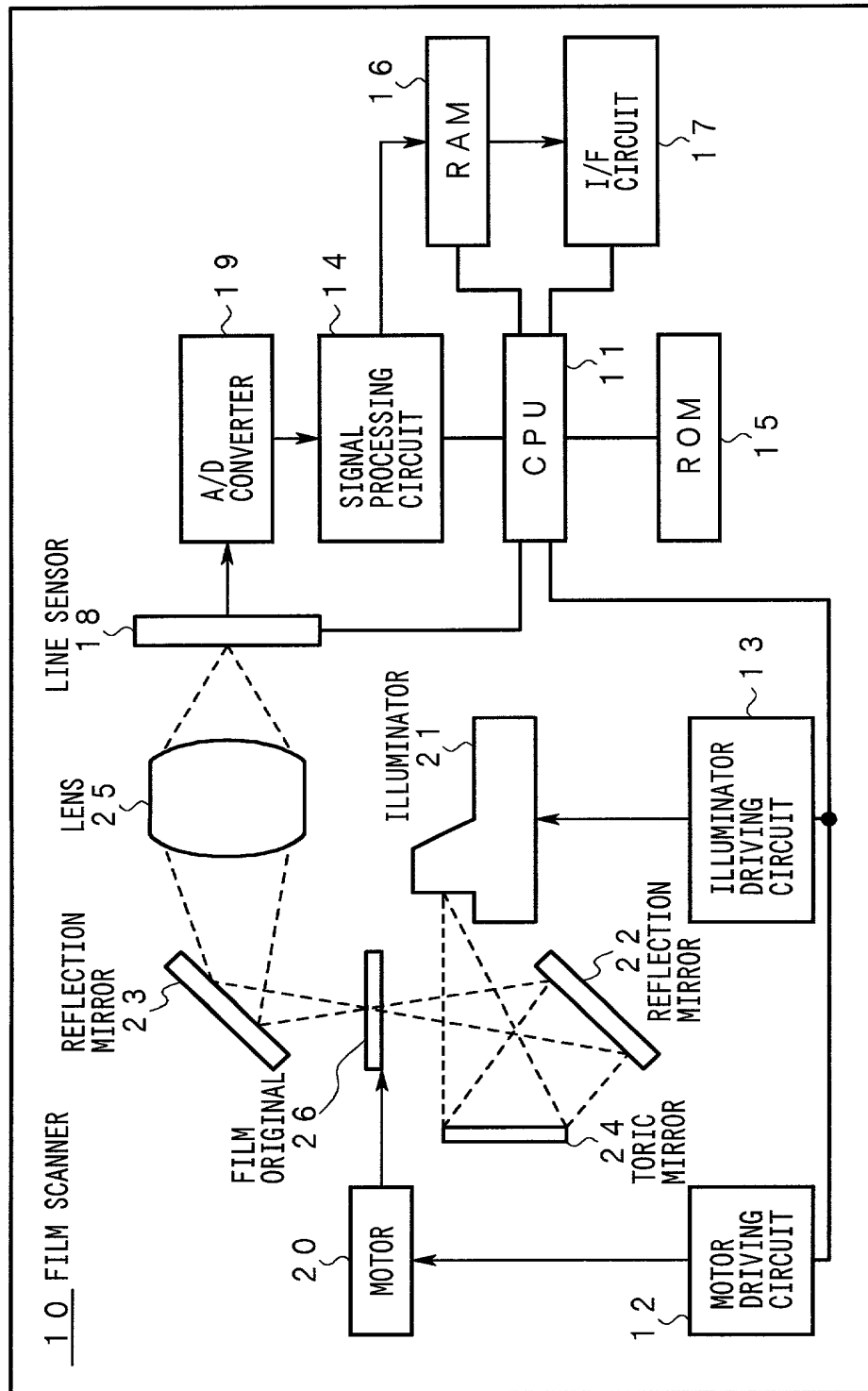


FIG. 2

ILLUMINATION (GENERATED SIGNAL CHARGES)	I r	R	G	B
OUTPUT FROM LINE SENSOR	INVALID OUTPUT	I r OUTPUT	R OUTPUT	G OUTPUT
LINE SENSOR CLOCK SIGNAL				

(1)

ILLUMINATION (GENERATED SIGNAL CHARGES)	R	G	B	TURN OFF	I r
OUTPUT FROM LINE SENSOR	INVALID OUTPUT	R OUTPUT	G OUTPUT	B OUTPUT	INVALID OUTPUT
LINE SENSOR CLOCK SIGNAL					

(2)

FIG. 3

ILLUMINATION (GENERATED SIGNAL CHARGES)	I r	WHITE LIGHT
OUTPUT FROM LINE SENSOR	INVALID OUTPUT	Ir OUTPUT R,G,B OUTPUT
LINE SENSOR CLOCK SIGNAL		

(1)

ILLUMINATION (GENERATED SIGNAL CHARGES)	WHITE LIGHT	TURN OFF	I r
OUTPUT FROM LINE SENSOR	INVALID OUTPUT	R,G,B OUTPUT	INVALID OUTPUT Ir OUTPUT
LINE SENSOR CLOCK SIGNAL			

(2)

FIG. 4

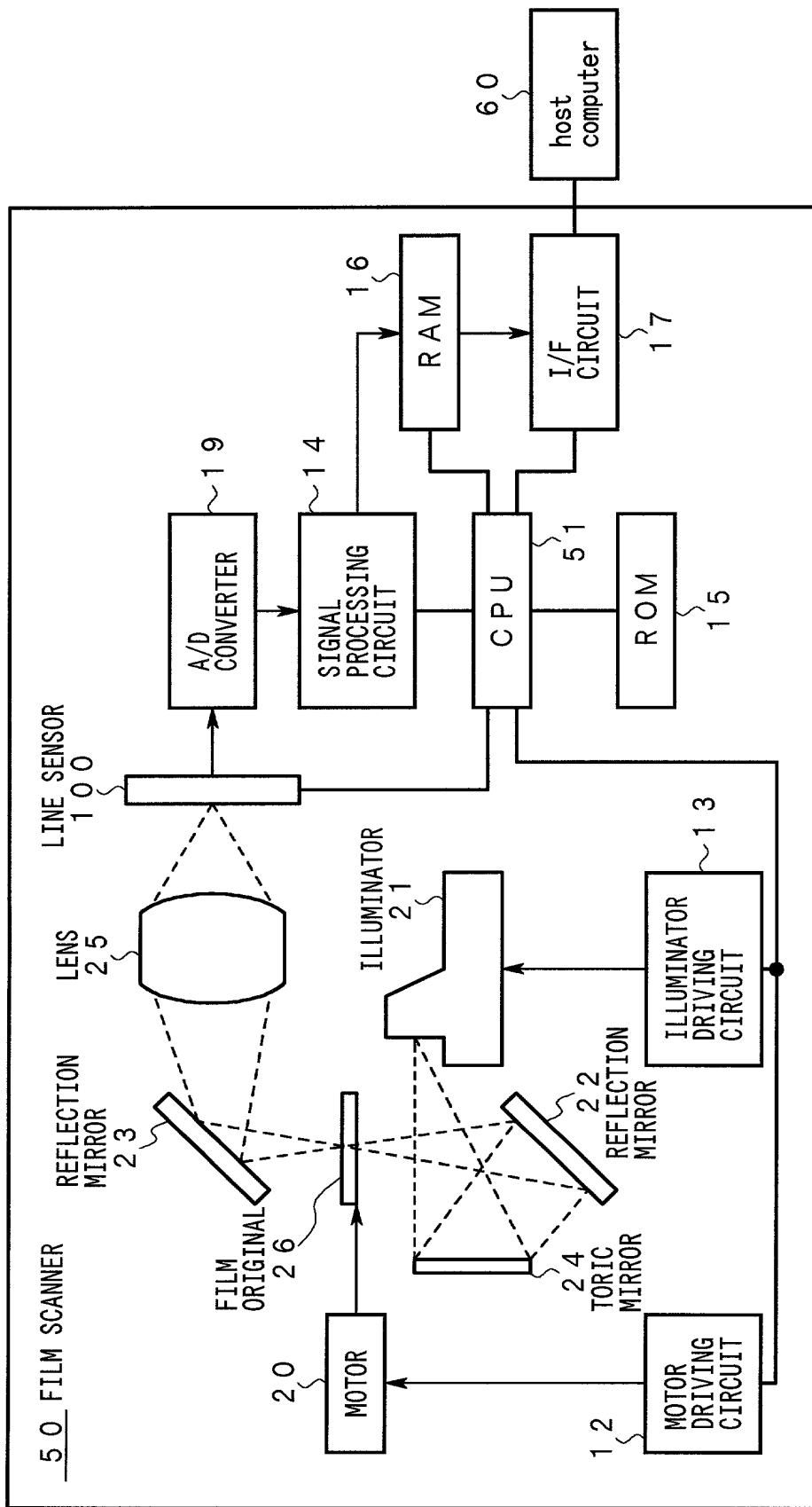


FIG. 5

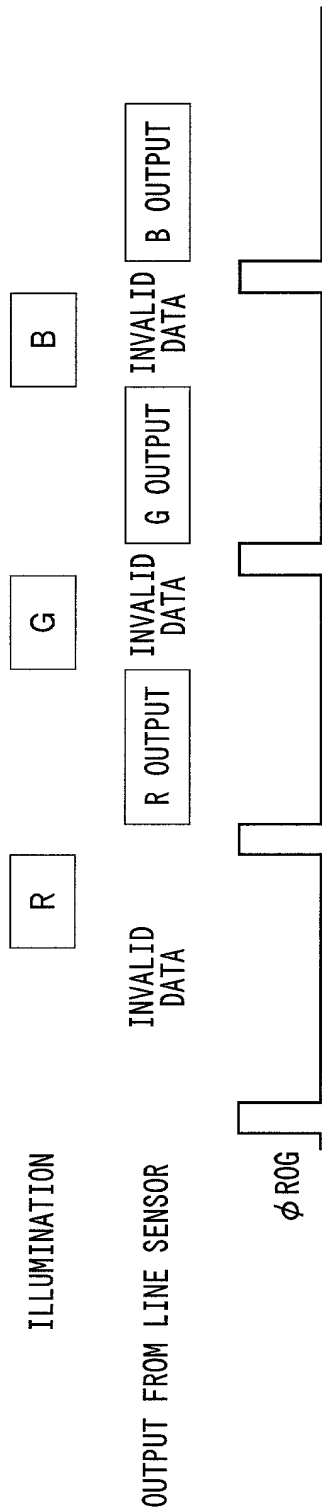


FIG. 6

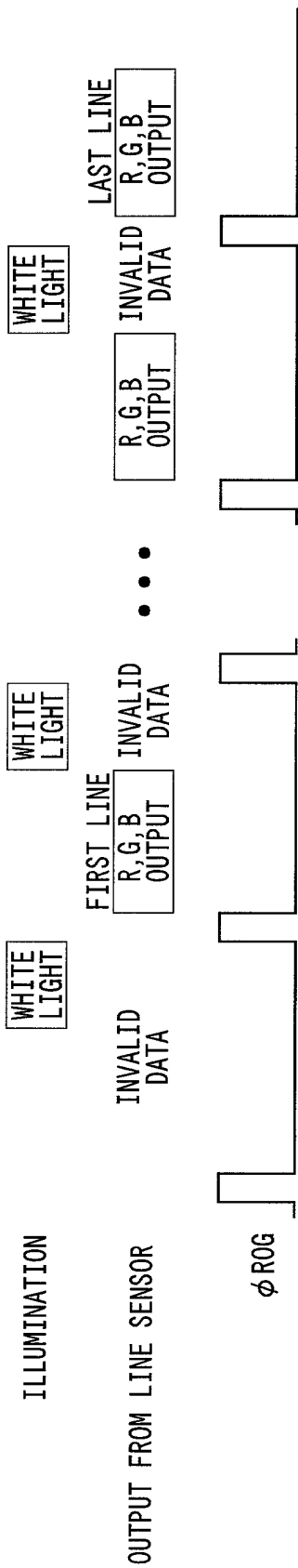
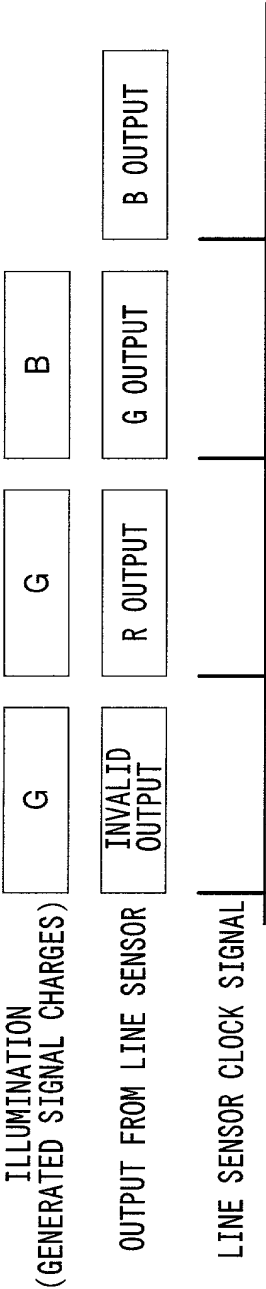
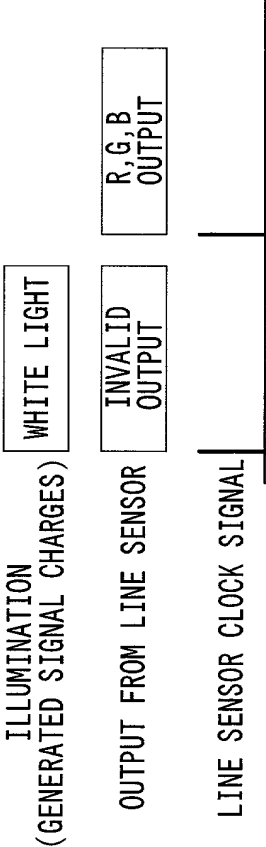


FIG. 7

Prior Art



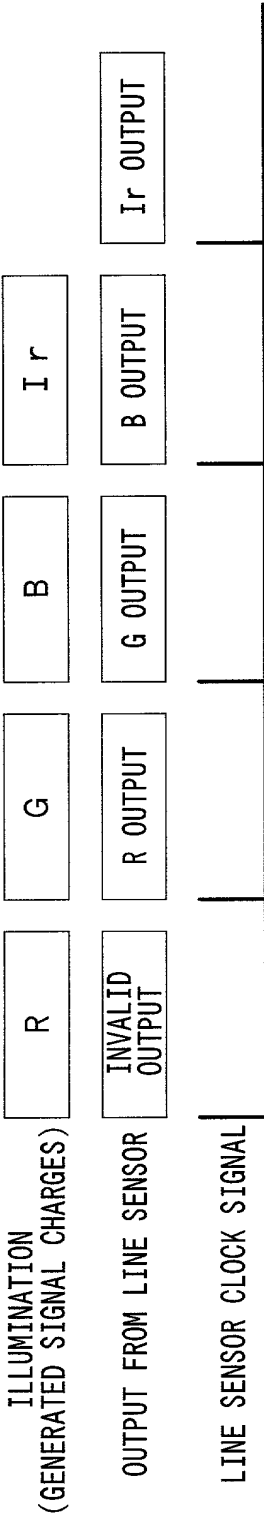
(a) MONOCHROME LINE SENSOR



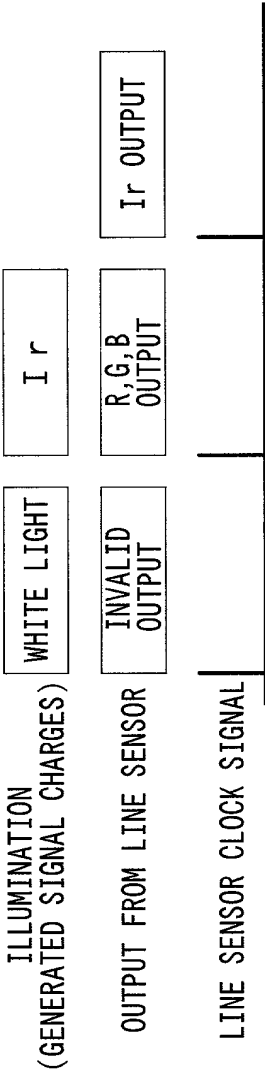
(b) COLOR LINE SENSOR

FIG. 8

Prior Art



(a) MONOCHROME LINE SENSOR



(b) COLOR LINE SENSOR

FIG. 9

Prior Art

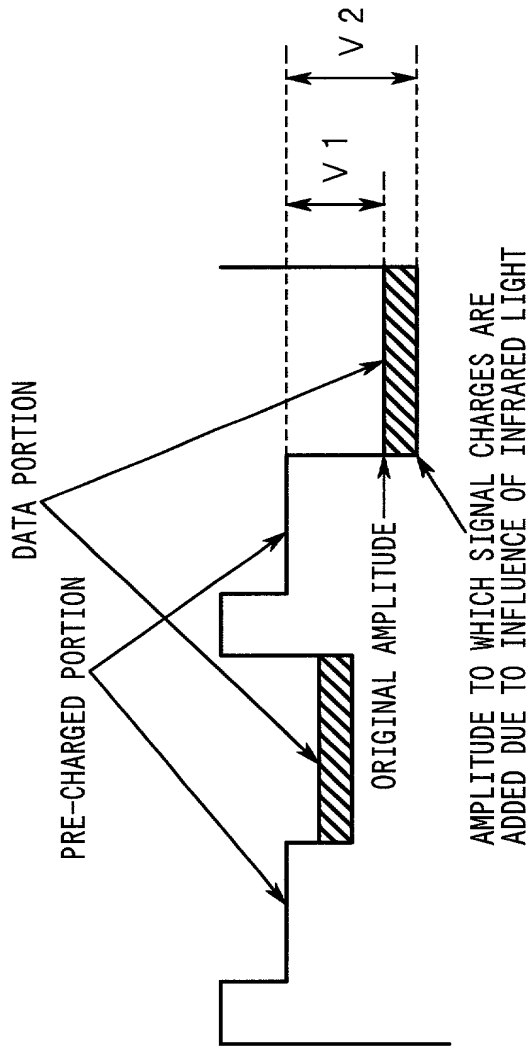


FIG. 10

Prior Art

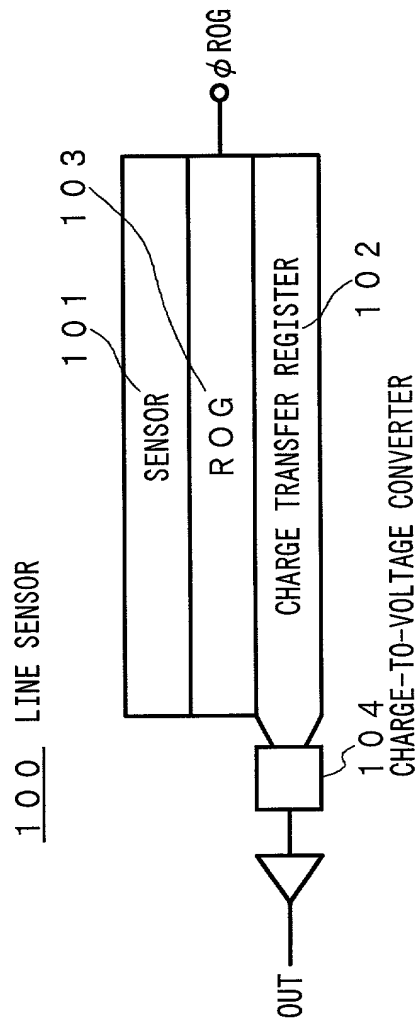
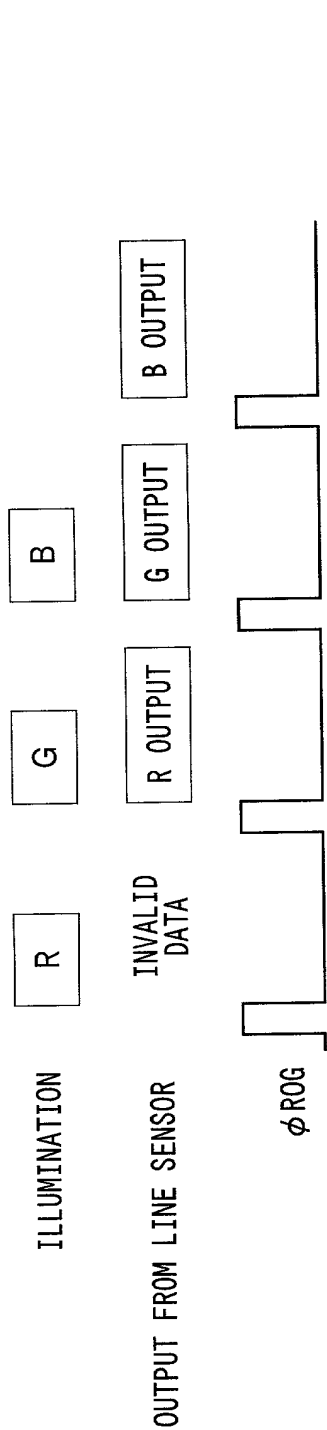
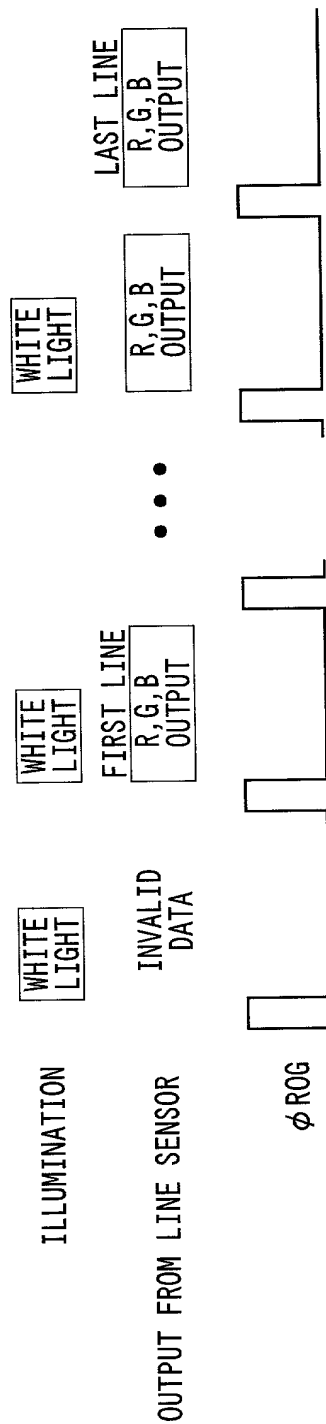


FIG. 11

Prior Art



(a) MONOCHROME LINE SENSOR



(b) COLOR LINE SENSOR

FIG. 12